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In the abstract:

On a separate page following the claims, please add the
5 following abstract:

--ABSTRACT

The double action piston assembly is for an internal
combustion engine and has a combustion chamber that has a
double action piston connected to one end of a central power
10 rod disposed within the combustion chamber. A first intake
air port and a first exhaust port are located in the up side
of the combustion chamber. A compression chamber is connected
to the combustion chamber. A central power rod passes through
the combustion chamber into the compression chamber and out
15 the compression chamber. A fuel mixture is fed into the
combustion chamber and ignition means adjacent to combustion
chamber to ignite the fuel mixture. At the end of each
stroke, the compression exhaust valves are opened and the
intake ports and the exhaust ports are open to permit air from
20 the compression chamber to pass through the conduits into the
combustion chamber for full scavenging of the combustion
chamber.